

Application No.: 10/519781
Amendment dated: June 22, 2009
Reply to Office action of January 22, 2009

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1-7 (cancelled)

8 (currently amended). A linear sliding guide [according to claim 1,] comprising a shaped rail (1) which extends in a longitudinal direction and which is of a given cross-section with sliding surfaces, and a slider (2) which is axially displaceable on the sliding surfaces of the shaped rail and wherein provided on the slider (2) are sliding bearings (6, 7) which in the position of installation bear against the sliding surfaces and the contact pressure of which against the sliding surfaces is adjustable by way of clamping means, where the shaped rail (1) has mutually oppositely disposed recesses (10, 12) extending in the longitudinal direction and the sliding surfaces are provided within the recesses (10, 12) and provided in corresponding relationship with each recess (10, 12) on the slider (2) is a prestressing bar (5) with a wedge-shaped operative surface which can be pressed into the respective recess (10, 12), wherein the sliding bearings (6, 7) are respectively arranged on the operative surfaces, the sliding surfaces are of an arcuately concavely curved configuration, and the surfaces of the sliding bearings (6, 7), which bear against the sliding surfaces, are convexly rounded in complementary relationship with the sliding surfaces, and wherein the sliding bearings

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(6a) are fitted onto metal carriers (6b) having a cross section which is substantially of the geometry of a semicylinder with a flattened side, and provided on the flattened side is a recess extending in the longitudinal direction for receiving a sliding bearing (6a).

9 (new). A linear sliding guide comprising a shaped rail (1) which extends in a longitudinal direction and which is of a given cross-section with sliding surfaces, and a slider (2) which is axially displaceable on the sliding surfaces of the shaped rail and wherein provided on the slider (2) are sliding bearings (6, 7) which in the position of installation bear against the sliding surfaces and the contact pressure of which against the sliding surfaces is adjustable by way of clamping means, where the shaped rail (1) has mutually oppositely disposed recesses (10, 12) extending in the longitudinal direction and the sliding surfaces are provided within the recesses (10, 12) and provided in corresponding relationship with each recess (10, 12) on the slider (2) is a prestressing bar (5) with a wedge-shaped operative surface which can be pressed into the respective recess (10, 12), wherein the sliding bearings (6, 7) are respectively arranged on the operative surfaces, the sliding surfaces are of an arcuately concavely curved configuration, and the surfaces of the sliding bearings (6, 7), which bear against the sliding surfaces, are convexly rounded in complementary relationship with the sliding surfaces, and wherein the sliding bearings (6a) are fitted onto metal carriers (6b) each having a flattened side and a recess formed in said flattened side, the

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recess extending in the longitudinal direction and receiving a sliding bearing (6a).

10(new). A linear sliding guide according to claim 9, in which the sliding bearings (6a) are composed of a non-metallic plastic material.